

DuKANE

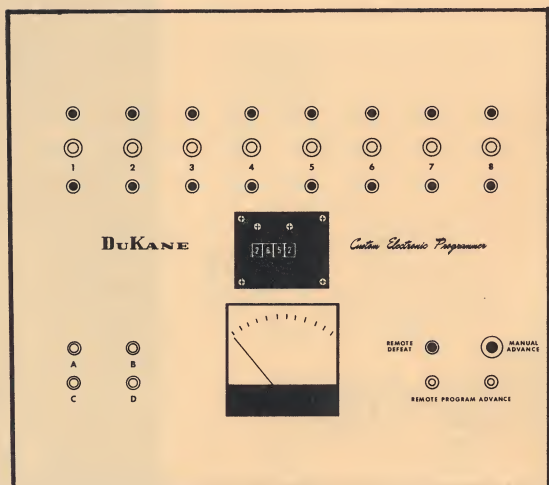
Electronic Programmer



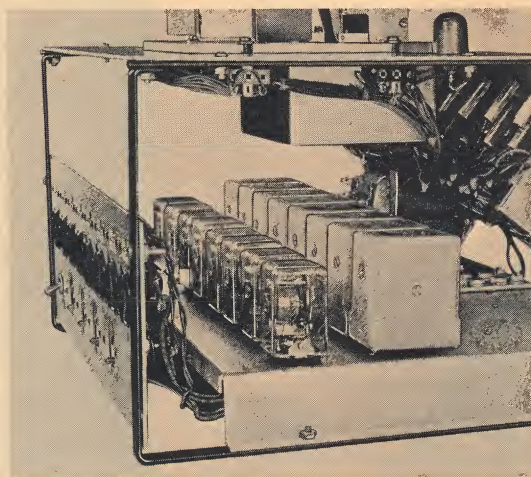
MODEL 9A1070

DuKANE CORPORATION
AUDIO-VISUAL DIVISION
ST. CHARLES, ILLINOIS 60174

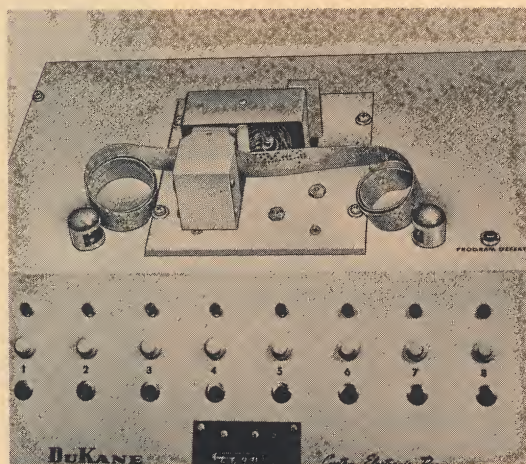
DUKANE CUSTOM ELECTRONIC PROGRAMMER



Control Panel



Sealed Plug-in Relays



Program Reader Head

APPLICATIONS

Introducing the new DUKANE CUSTOM ELECTRONIC PROGRAMMER designed and engineered to provide space age control and accuracy to any multi-media, multi-screen presentation. Recognizing the need for more interesting, exciting and effective audio visual presentations, DuKane developed the Electronic Programmer to act as a systems control center.

The Programmer provides an organized dependable and extremely versatile way of operating complicated and fast-moving program sequences for hard-hitting sales meetings, public relations programs, corporate briefing sessions, training schools and hundreds of other uses. Now you can easily produce breath-taking effects, using a combination of filmstrips, slides, motion pictures and tape, all operated from the Programmer. Sequences for displays, chart rooms, electronic signs and many other applications requiring dependable sequence switching can be quickly set up.

Fully automatic sequences can be set up to run entirely by themselves at the touch of a button. Semi-automatic programs with live speakers or narrators can be run with precision, often by a single operator. The Programmer allows you to organize and control spotlights...open curtains...turn on room lights...lower screens...turn projectors on...produce rapid picture advance and show motion picture clips.

OPERATION

The heart of the Programmer is the 8 channel punch tape reader. Mounted above the slanted control panel, it is easily accessible for loading and cueing. The reader uses a standard 8 channel sprocketed business tape and will read either paper or mylar tape with equal dependability. The reader operates on a pulse gate principle reading the holes present in the gate and then advancing to the next character or set of holes to await the next pulse. When a pulse occurs, the primary relay of each channel with a hole punched in it will be energized. This relay will remain closed only for the duration of the pulse and will cause any remote-controlled devices connected to the primary output of that channel to operate. The primary relay will simultaneously energize the secondary relay which will feed 117 volt, 60 cycle AC to any unit connected to the secondary output of that channel. This receptacle will remain energized until the primary relay is again momentarily energized by the next hole in the tape.

SPECIFICATIONS

- 8 CONTROL CHANNELS
are provided, each channel capable of two switch-in functions.
Primary Switching (i.e. the momentary closing of a pair of electrically isolated contacts of 3 ampere resistive capacity.)
Secondary Switching (i.e. the bi-stable function of a relay to close or open a 117 volt power circuit of 20 ampere capacity.)
- PRIMARY CIRCUITS
are terminated in male bi-pin receptacles mounted on the back panel.
- SECONDARY CIRCUITS
are terminated in standard 3-wire receptacles on the back panel.
- RELAYS
are all plug-in type with sealed dust-proof covers.
- POWER SUPPLY
is a 24 volt DC solid state unit for relays and advance mechanism.
- SWITCH
(on-off type) for relay power supply is located on the back panel, lights on reader control panel indicate power is on.
- VOLTAGE METER
provides accurate indication of line voltage.
- POWER INPUT
requirement is 117 volt, 60 cycle AC, 4 power inputs - 25 amp. capacity. Total load capacity approximately 100 amps.
- RED INDICATOR LIGHTS
show function of primary circuit for each channel.
- WHITE INDICATOR SWITCHES
show condition of each secondary circuit and allow the circuit to be disabled by depressing the indicator switch.
- PUSH-BUTTON SWITCHES
for each channel permits manual operation of only that channel.
- AC POWER INDICATOR
lights indicate whether AC power is present at each of the four power inputs.
- MASTER ADVANCE
push-button switch for advancing the programmer is located on the control panel for ease of operation.
- REMOTE ADVANCE
of the programmer is accomplished with a 10' accessory push-button cord. A plug-in jack is provided for an external pulse programmer.
- PROGRAM DEFEAT
button is provided to momentarily inactivate the reader so the tape can be advanced without affecting the mode of any of the 8 channels.
- REMOTE DEFEAT
button will momentarily defeat operation of remote advance inputs.
- SIZE
19" wide, 19" long, 14-1/2" high; wt.: 58 lbs.
Price: \$1850.00
f.o.b. St. Charles, Illinois

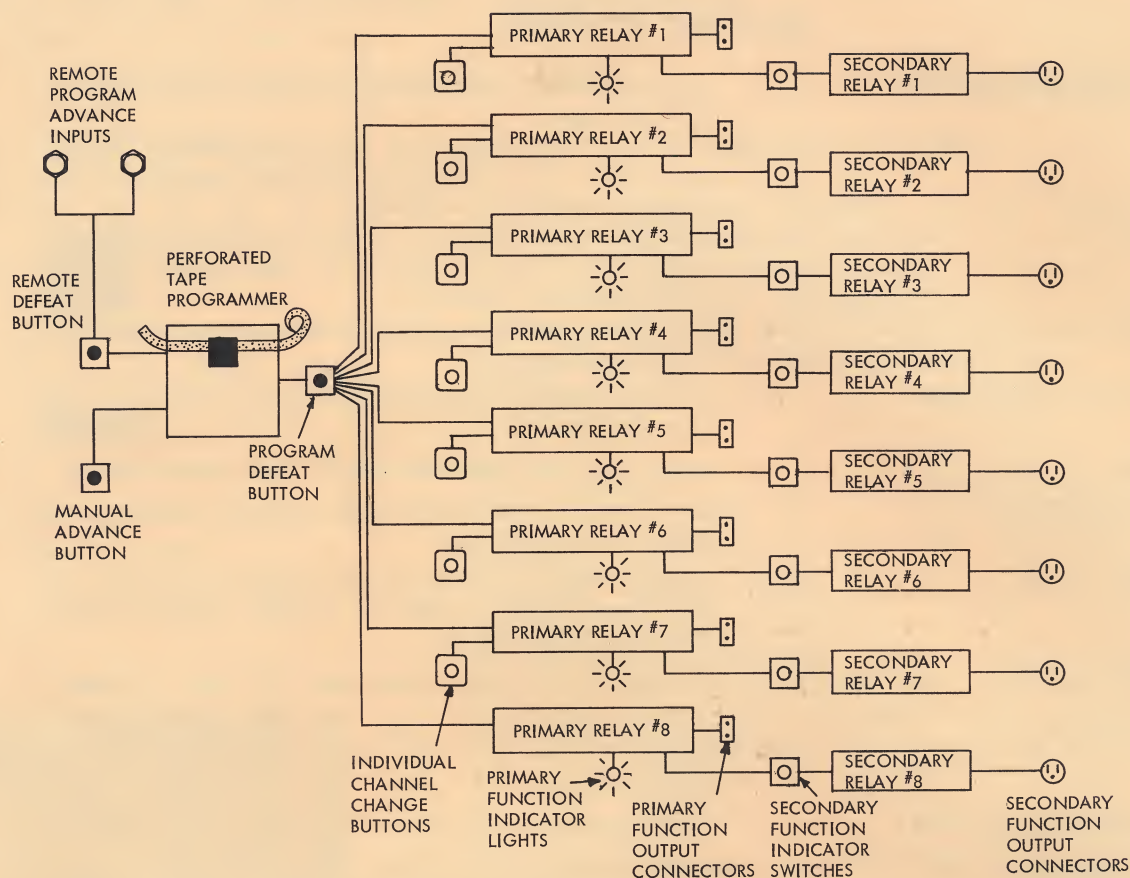
ACCESSORIES

8A95 Control Box. The control box is designed to be used with the DuKane Electronic Programmer for the purpose of supplying "cue" power for motion picture projectors during periods when power is not supplied by the Programmer. Input switch and projector receptacle rated 15 amperes at 125 volts.

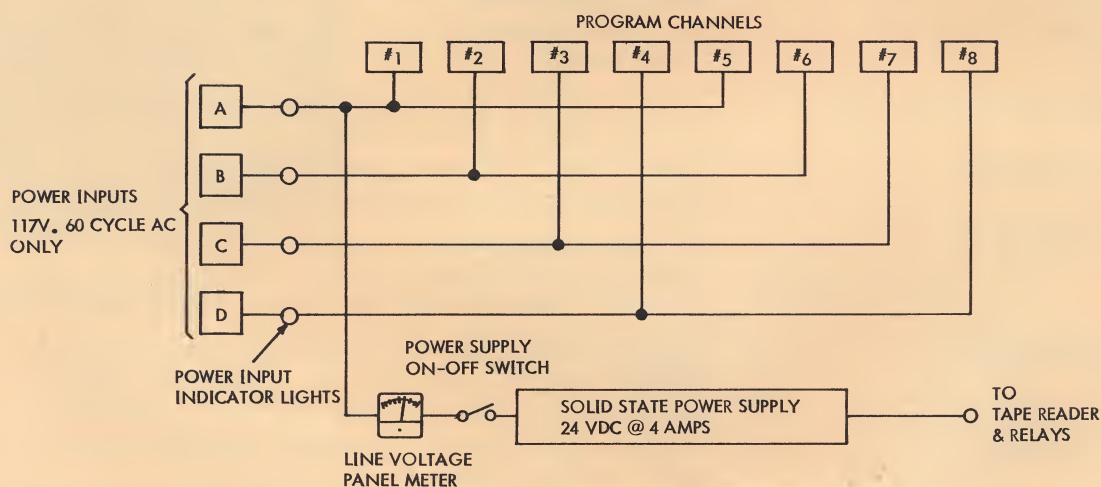
Price: \$25.00

200-333 Remote push-button control cord 10'.

Price: \$ 7.50



Block Diagram Model 9A1070



Power Distribution System

SOURCES FOR PAPER TAPE PUNCHES

Manual punch for preparing program tapes using pre-sprocketed tape is available from Burroughs Corporation, Electro-data Division under the following designation:

PUNCH, MANUAL, PAPER TAPE #52026 \$40.00

Manual punch with precision sprocket wheel mechanism is available from OHR-TRONICS, INC., 305 West Grand Avenue, Montvale, New Jersey 07645, under the following designation:

MODEL 124 FLEXI-BIT PUNCH \$89.00

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